

PCT
POWER OF ATTORNEY

(For an International Application filed under the Patent Cooperation Treaty)
(PCT RULE 90.4)

The undersigned applicant(s):

TRW AUTOMOTIVE U.S. LLC

Hereby appoint(s) the following person as **AGENT**

NAME AND ADDRESS

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country)

Thomas L. Tarolli, Reg. No. 20,177; Robert B. Sundheim, Reg. No. 20,127; Calvin G. Covell, Reg. No. 24,042; Barry L. Tummino, Reg. No. 29,709; James L. Tarolli, Reg. No. 36,029; Richard S. Wesorick, Reg. No. 40,871, Richard A. Sutkus, Reg. No. 43,941; Matthew M. Shaheen, Reg. No. 45,367; Gary J. Pitzer, Reg. No. 39,334; and Christopher P. Harris, Reg. No. 43,660 of the Law Firm

TAROLLI, SUNDHEIM, COVELL & TUMMINO L.L.P.
526 Superior Avenue, Suite 1111
Cleveland, Ohio 44114
United States of America

To represent the undersigned before **ALL THE COMPETENT INTERNATIONAL AUTHORITIES** in connection with the international application identified below:

TITLE OF INVENTION:

**APPARATUS FOR TRANSPORTING
LABORATORY ANIMALS**

APPLICANT'S OR AGENT'S FILE REFERENCE:

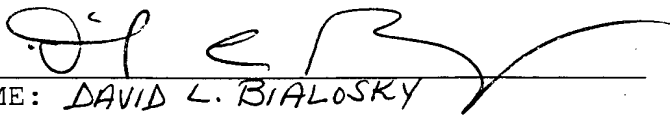
TRW(FAS) 5993

INTERNATIONAL APPLICATION NUMBER (if available):

Filed with the following Office **RO/US** as receiving Office and to make or receive payments on behalf of the undersigned.

SIGNATURE OF APPLICANT(S)

(Where there are several applicants, each of them must sign; indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this paper)


NAME: **DAVID L. BIALOSKY**
TITLE: **GENERAL COUNSEL**

1/22/03
DATE

PCT
POWER OF ATTORNEY

(For an International Application filed under the Patent Cooperation Treaty)
(PCT RULE 90.4)

The undersigned applicant(s):

THE JACKSON LABORATORY

Hereby appoint(s) the following person as **AGENT**

NAME AND ADDRESS

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country)

Thomas L. Tarolli, Reg. No. 20,177; Robert B. Sundheim, Reg. No. 20,127; Calvin G. Covell, Reg. No. 24,042; Barry L. Tummino, Reg. No. 29,709; James L. Tarolli, Reg. No. 36,029; Richard S. Wesorick, Reg. No. 40,871, Richard A. Sutkus, Reg. No. 43,941; Matthew M. Shaheen, Reg. No. 45,367; Gary J. Pitzer, Reg. No. 39,334; and Christopher P. Harris, Reg. No. 43,660 of the Law Firm

TAROLLI, SUNDHEIM, COVELL & TUMMINO L.L.P.
526 Superior Avenue, Suite 1111
Cleveland, Ohio 44114
United States of America

To represent the undersigned before **ALL THE COMPETENT INTERNATIONAL AUTHORITIES** in connection with the international application identified below:

TITLE OF INVENTION:

**APPARATUS FOR TRANSPORTING
LABORATORY ANIMALS**

APPLICANT'S OR AGENT'S FILE REFERENCE:

TRW(FAS) 5993

INTERNATIONAL APPLICATION NUMBER (if available):

Filed with the following Office **RO/US** as receiving Office and to make or receive payments on behalf of the undersigned.

SIGNATURE OF APPLICANT(S)

(Where there are several applicants, each of them must sign; indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this paper)

NAME:

TITLE:

Paul E. Harris
Patent Counsel

DATE

1/20/03

PCT
POWER OF ATTORNEY
(For an International Application filed under the Patent Cooperation Treaty)
(PCT RULE 90.4)

The undersigned applicant(s):

Thomas Peterson

Hereby appoint(s) the following person as AGENT

NAME AND ADDRESS

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country)

Thomas L. Tarolli, Reg. No. 20,177; Robert B. Sundheim, Reg. No. 20,127; Calvin G. Covell, Reg. No. 24,042; Barry L. Tummino, Reg. No. 29,709; James L. Tarolli, Reg. No. 36,029; Richard S. Wesorick, Reg. No. 40,871, Richard A. Sutkus, Reg. No. 43,941; Matthew M. Shaheen, Reg. No. 45,367; Gary J. Pitzer, Reg. No. 39,334; and Christopher P. Harris, Reg. No. 43,660 of the Law Firm

TAROLLI, SUNDHEIM, COVELL & TUMMINO L.L.P.
526 Superior Avenue, Suite 1111
Cleveland, Ohio 44114
United States of America

To represent the undersigned before **ALL THE COMPETENT INTERNATIONAL AUTHORITIES** in connection with the international application identified below:

TITLE OF INVENTION:

**APPARATUS FOR TRANSPORTING
LABORATORY ANIMALS**

APPLICANT'S OR AGENT'S FILE REFERENCE:


TRW(FAS)5993

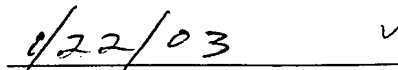
INTERNATIONAL APPLICATION NUMBER (if available):

Filed with the following Office RO/US as receiving Office and to make or receive payments on behalf of the undersigned.

SIGNATURE OF APPLICANT(S)

(Where there are several applicants, each of them must sign; indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this paper)


Thomas Peterson
Inventor


DATE

PCT
POWER OF ATTORNEY
(For an International Application filed under the Patent Cooperation Treaty)
(PCT RULE 90.4)

The undersigned applicant(s):

John Vollmer

Hereby appoint(s) the following person as AGENT

NAME AND ADDRESS

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country)

Thomas L. Tarolli, Reg. No. 20,177; Robert B. Sundheim, Reg. No. 20,127; Calvin G. Covell, Reg. No. 24,042; Barry L. Tummino, Reg. No. 29,709; James L. Tarolli, Reg. No. 36,029; Richard S. Wesorick, Reg. No. 40,871, Richard A. Sutkus, Reg. No. 43,941; Matthew M. Shaheen, Reg. No. 45,367; Gary J. Pitzer, Reg. No. 39,334; and Christopher P. Harris, Reg. No. 43,660 of the Law Firm

TAROLLI, SUNDHEIM, COVELL & TUMMINO L.L.P.
526 Superior Avenue, Suite 1111
Cleveland, Ohio 44114
United States of America

To represent the undersigned before **ALL THE COMPETENT INTERNATIONAL AUTHORITIES** in connection with the international application identified below:

TITLE OF INVENTION:

**APPARATUS FOR TRANSPORTING
LABORATORY ANIMALS**

APPLICANT'S OR AGENT'S FILE REFERENCE:

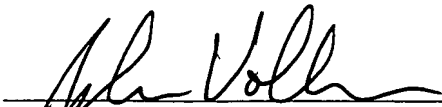
TRW(FAS) 5993

INTERNATIONAL APPLICATION NUMBER (if available):

Filed with the following Office RO/US as receiving Office and to make or receive payments on behalf of the undersigned.

SIGNATURE OF APPLICANT(S)

(Where there are several applicants, each of them must sign; indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this paper)



John Vollmer
Inventor

01/21/03
DATE

PCT
POWER OF ATTORNEY
(For an International Application filed under the Patent Cooperation Treaty)
(PCT RULE 90.4)

The undersigned applicant(s):

John J. Strzempko

Hereby appoint(s) the following person as AGENT

NAME AND ADDRESS

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country)

Thomas L. Tarolli, Reg. No. 20,177; Robert B. Sundheim, Reg. No. 20,127; Calvin G. Covell, Reg. No. 24,042; Barry L. Tummino, Reg. No. 29,709; James L. Tarolli, Reg. No. 36,029; Richard S. Wesorick, Reg. No. 40,871; Richard A. Sutkus, Reg. No. 43,941; Matthew M. Shaheen, Reg. No. 45,367; Gary J. Pitzer, Reg. No. 39,334; and Christopher P. Harris, Reg. No. 43,660 of the Law Firm

TAROLLI, SUNDHEIM, COVELL & TUMMINO L.L.P.
526 Superior Avenue, Suite 1111
Cleveland, Ohio 44114
United States of America

To represent the undersigned before **ALL THE COMPETENT INTERNATIONAL AUTHORITIES** in connection with the international application identified below:

TITLE OF INVENTION:

**APPARATUS FOR TRANSPORTING
LABORATORY ANIMALS**

APPLICANT'S OR AGENT'S FILE REFERENCE:

TRW(FAS) 5993

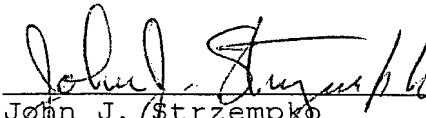
INTERNATIONAL APPLICATION NUMBER (if available):

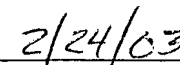
PCT/US03/02084

Filed with the following Office RO/US as receiving Office and to make or receive payments on behalf of the undersigned.

SIGNATURE OF APPLICANT(S)

(Where there are several applicants, each of them must sign; indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this paper)


John J. Strzempko
Inventor


DATE